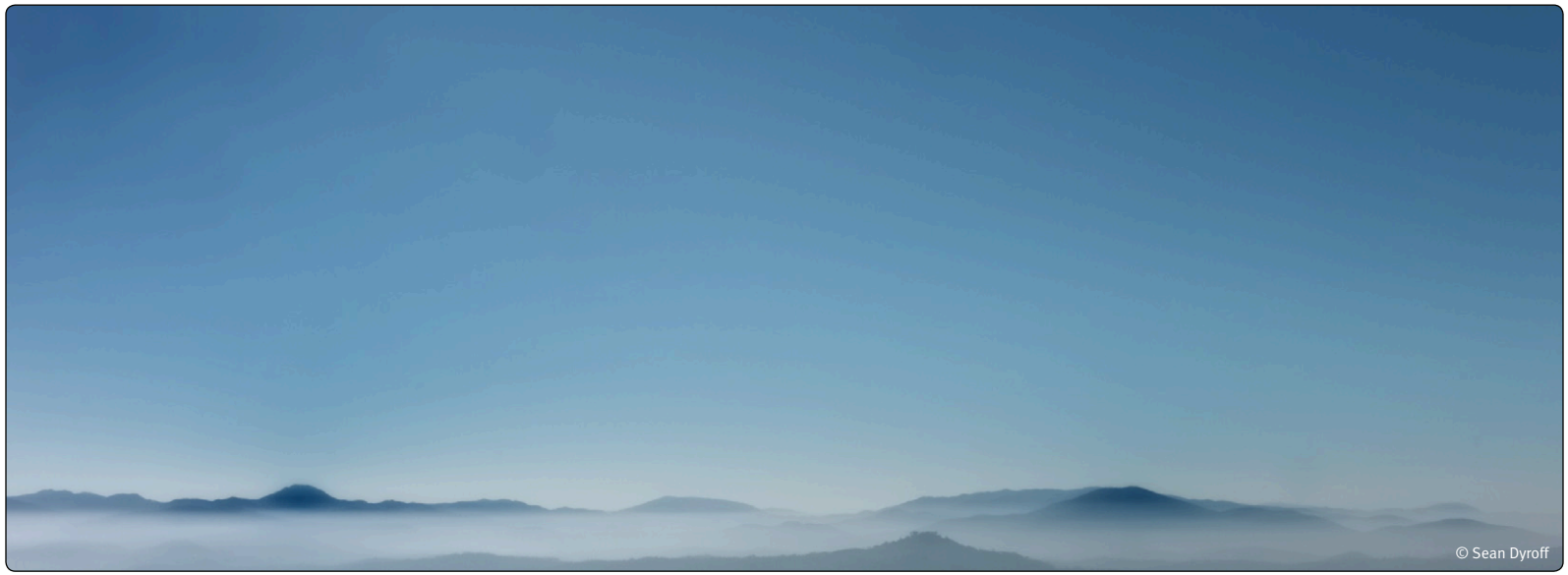
Nik Software

Nik Software Viveza™ User Guide



Chapter 1

Introduction

Introduction to Viveza™ and the User Guide

Introduction

Viveza offers for the first time the ability for you to make corrections and enhancements to specific areas on your photographs without the need for complex selections or layer masks. The power of Viveza comes from Nik Software's patented U Point® technology.

U Point technology allows you to simply place a Color Control Point on any color or object, adjust the size of the coverage area, and change brightness, contrast, or color. You will soon appreciate the speed and accuracy of the enhancements made possible by Viveza.

Viveza will change the way you edit your pictures. You'll work faster, more efficiently, and be able to pre-visualize your post-capture edits more clearly. Simply put, editing with Viveza will revolutionize the way you edit.

What's in the User Guide

In addition to providing installation instructions, the User Guide shows you how to access and apply the filter's effect to your images.

The typographical conventions used in this manual are:

- Viveza processes and user interface components appear in Initial Caps, with first instances in **Bold Caps**. (In context-appropriate cases, later instances also appear in **Bold Caps**.)
- Specific control inputs appear in ***Bold Italic***. Control inputs can be menu items, buttons, or sliders. Where first instances coincide with specific control inputs, the term appears in ***Bold Italic***.

Chapter 2

Installation

Installing and Accessing Viveza

Installation

Viveza is a plug-in for Adobe® Photoshop® and other Photoshop plug-in compatible applications, Adobe Photoshop Lightroom® and Apple® Aperture™. The installer provided with Viveza automatically attempts to locate a copy of Adobe Photoshop, Adobe Photoshop Elements, Adobe Photoshop Lightroom or Apple Aperture.

Installing Viveza and the Selective Tool

Before you install Viveza, please close all applications including Adobe Photoshop, Adobe Photoshop Lightroom, Apple Aperture or other image editing applications that will serve as host for Viveza. Please do not open any other applications during the installation process.

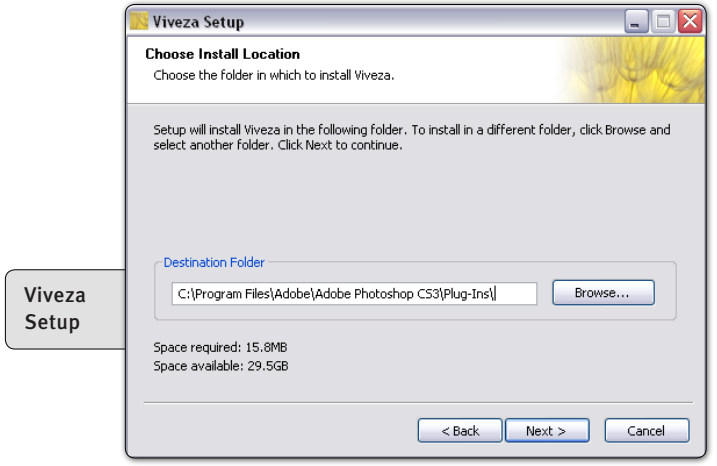
To begin installation:

Double-click on the installation file provided either on your Viveza CD or downloaded from the Nik Software web site. A window appears displaying the Viveza Setup Wizard.

The installer walks you through the procedure.

After you have read the Read Me file and accepted the End User License Agreement, the installer prompts you for the plug-in location of your image editing application.

The installer attempts to locate the most recent installation of Adobe Photoshop or Adobe Photoshop Elements, and if successful, displays the recommended folder. When installing into Adobe Photoshop Lightroom or Apple Aperture, the installer will automatically install into the appropriate location.


Viveza Setup
Choose Install Location
Choose the folder in which to install Viveza.
Setup will install Viveza in the following folder. To install in a different folder, click Browse and select another folder. Click Next to continue.
Destination Folder
C:\Program Files\Adobe\Adobe Photoshop CS3\Plug-Ins\
Browse...
Space required: 15.8MB
Space available: 29.5GB
< Back
Next >
Cancel
Viveza Setup

If the installer is unable to locate Adobe Photoshop or Adobe Photoshop Elements, or if you are using an image editor other than Adobe Photoshop, you must specify the appropriate installation path.

For Adobe Photoshop or Adobe Photoshop Elements, this location is the Plug-Ins folder located under the application's main folder. For example:

Adobe Photoshop

Windows – C:\Program Files\Adobe\Adobe Photoshop\Plug-Ins

Macintosh – Macintosh HD : Applications : Adobe Photoshop : Plug-Ins

Adobe Photoshop Elements

Windows – C:\Program Files\Adobe\Adobe Photoshop Elements\Plug-Ins

Macintosh – Macintosh HD : Applications : Adobe Photoshop Elements : Plug-Ins

Click ***Browse...*** to open the Browse for Folder window, and then navigate to the appropriate folder.

Note: *For guidance on the location of Plug-Ins in applications other than Adobe Photoshop or Adobe Photoshop Elements, please refer to your application's user manual.*

After selecting the appropriate folder location, click ***Install***. When the installation is complete, the final page of the installer appears.

If you want Viveza to be automatically added to Lightroom's list of External Editors, leave the **Add as External Editor for Lightroom** box checked. The Add as External Editor for Lightroom option will only appear if Lightroom is detected during installation. Instructions are provided within this chapter to manually add Viveza as an external editor for Lightroom. *(Please see Adding Viveza to Lightroom as an External Editor.)*

If you want the Selective Tool to open each time Adobe Photoshop or Adobe Photoshop Elements launches, leave the **Open the Nik Selective Tool automatically** box checked. The Selective Tool lets you apply Viveza by automating the layer systems in Adobe Photoshop or Adobe Photoshop Elements. *(Please see Selective Tool.)*

Uncheck this box to prevent the Selective Tool from opening each time Adobe Photoshop or Adobe Photoshop Elements launches. You can change this option within the Selective Tool settings interface. *(Please see Chapter 8: Selective Tool Settings.)*

Note: *The Selective Tool is available only with Adobe Photoshop and Adobe Photoshop Elements serving as host for Viveza.*

Click ***Finish*** to complete the installation process.

Accessing Viveza and the Selective Tool

After completing the installation, launch your image editing application. In Adobe Photoshop and Adobe Photoshop Elements, Viveza is accessed from the Filter menu.

To begin using Viveza in Adobe Photoshop or Adobe Photoshop Elements:

1. Open the image that you would like to enhance.
2. Click the ***Filter*** menu.
3. Roll over the ***Nik Software*** sub-menu. A popup menu appears.
4. Select ***Viveza*** from the popup menu.

The Viveza interface appears, displaying the image specified in step 1 above.

You can access the Selective Tool by navigating to one of the following locations:

Adobe Photoshop

File › Automate

Accessing Viveza in Aperture

In Apple Aperture, Viveza is accessed from the Images menu.

To begin using Viveza in Apple Aperture:

1. Highlight the image that you wish to enhance with Viveza.
2. Click the **Images** menu.
3. Roll over the **Edit With** sub-menu. A popup menu appears.
4. Select **Viveza...** from the popup.

The Viveza interface appears, displaying the image specified in step 1 above.

Adding Viveza to Lightroom as an External Editor

If Lightroom is found during the installation of Viveza for Lightroom, Viveza can automatically be added as an external editor. Viveza can also be manually added as an external editor providing easy access to edit your photos in Viveza. Follow the steps below to manually add Viveza as an external editor.

1. Open the **Preferences** in Lightroom.
2. Click the **External Editing** tab.
3. In the **Additional External Editor** section select a desired *File Format*, *Color Space*, *Bit Depth*, *Resolution*, and *Compression*.

> **Note:** *Viveza is only compatible with TIFF files (8 or 16-bit, with no compression or LZW compression).*

4. Click on ***Choose*** to select an application. Navigate to the location of Viveza.

   On Windows, the default installation location for Viveza will be:

   C:\Program Files\Nik Software\Viveza for Lightroom

   On Macintosh, the default installation location for Viveza will be:

   Macintosh HD : Applications : Nik Software : Viveza for Lightroom

5. Select the ***Viveza*** file and click ***Choose***.
6. Under the Preset drop-down menu, select ***Save Current Settings as New Preset...*** and name the preset.

Viveza can then be easily accessed under the **Photo** menu as a preset external editor.

Accessing Viveza in Lightroom

Once Viveza is added to Lightroom as an external editor, Viveza is accessed from the Photo menu.

To begin using Viveza in Lightroom:

1. Highlight the image(s) that you wish to enhance with Viveza.
2. Click the ***Photo*** menu.
3. Roll over the ***Edit In*** sub-menu. A popup menu appears.
4. Select ***Viveza*** from the popup.
5. After selecting Viveza, select whether to **Edit Original**, **Edit a Copy**, or **Edit a Copy with Lightroom Adjustments**.

> **Note:** *If **Edit a Copy with Lightroom Adjustments** is selected, the Copy File Options must be determined as well. Select the File Format, Color Space, Bit Depth, Resolution and Compression for the new file to be edited in Viveza*.*
>
> **Viveza is only compatible with TIFF and JPEG files (8 or 16-bit with no compression or LZW compression).*

6. Click ***Edit*** and the Viveza interface appears, displaying the image(s) specified in Step 1 above.

Chapter 3

Workflow

Workflow and Tips for Enhancing Images

Workflow

The order of steps involved in enhancing an image varies, depending on the image. In general, there are only a few guidelines to consider:

- Apply noise reduction, such as with Nik Software Dfine® 2.0, as early as possible in the process.
- Apply RAW Presharpening, if desired, with Nik Software Sharpener Pro 3.0's RAW Presharpener filter.
- Apply light and color enhancements with Nik Software Viveza™ (global, then local), and end with enhancements using Nik Software Color Efex Pro™ 3.0 or Nik Software Silver Efex Pro™.
- Apply output and creative sharpening with Nik Software Sharpener Pro 3.0's Output Sharpener filter.

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Workflow Diagram

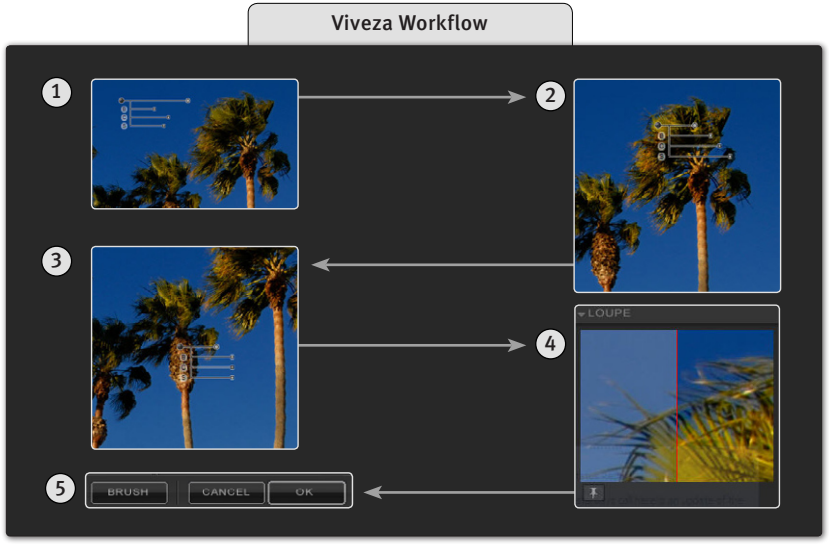
Nik Software Dfine 2.0
Apply Noise Reduction with Dfine 2.0
Nik Software Sharpener Pro 3.0
Apply RAW Presharpening with Sharpener Pro 3.0
Nik Software Viveza
Control Color and Light with Viveza
Nik Software Color Efex Pro 3.0 COMPLETE EDITION
Apply Enhancements with Color Efex Pro 3.0
OR
Nik Software Silver Efex Pro
Convert to black and white with Silver Efex Pro
Nik Software Sharpener Pro 3.0
Apply Output Sharpening with Sharpener Pro 3.0

Viveza Workflow

Start with characteristics that affect the entire image, such as color casts, contrast and tonal adjustments. Next, modify elements that affect only localized areas, such as blemishes and small distracting objects. Finally, apply effects that add a style or mood to the image. In other words, move from the general to the specific.

For best results in Viveza, perform the tasks below in the given order:

1. Add a Color Control Point to the image to adjust the first, most obvious issue within the image.
2. Add additional Color Control Points to the other objects that you would like to control.
3. To prevent any changes from affecting some object or area, add a Color Control Point with neutral settings. That is, add a Color Control Point to the object that you'd like to protect and ensure that each slider apart from the Size slider is set to 0.
4. Review the image in the Loupe.
5. Apply the filter's effect by clicking OK.



Enhancing an Image with Color Control Points

Color Control Points make it easy to quickly and precisely enhance images. This image was enhanced using four Color Control Points.

Before working on an image, it is recommended to identify the problems or desired enhancements. In this image, the sky was too bright and lacked contrast. Then, the little girl was too dark and faded in to the background. Finally, the sand in the background was very dull and by darkening it, more attention could be brought to the girl. To enhance this image, the following steps were performed:

1. A Color Control Point was added to the sky. The Brightness slider was decreased to darken the sky and the Contrast slider was increased to make the sky more dynamic. The Size slider was increased so the Color Control Point will affect the entire sky.

2. A Color Control Point was added to the girl's face. The Brightness and the Contrast sliders were increased. This adjustment visually separated the girl from the background, drawing more focus onto the girl.

3. A Color Control Point was added to the sand. The Brightness slider and the Saturation slider were decreased to further enhance the separation of the girl from the background. The Size slider was increased so that all of the sand was included in the adjustment.

4. The clouds were affected by a Color Control Point added to the sky. By placing a new Color Control Point onto the clouds, the effect from the sky was prevented from affecting the clouds as well. The new Color Control Point was added without changing any of the sliders.

Using Viveza as Smart Filter (Adobe Photoshop Only)

When working within Adobe Photoshop CS3 and CS4, Viveza can be applied as a Smart Filter. Smart Filters enable you to adjust the filter's settings even after the filter interface has been closed. If saving the file as a PSD, you can even adjust the filter settings after the image and Photoshop have been closed, enabling a non-destructive workflow.

When working as a Smart Filter, the Brush button is disabled, and the filter will be applied to the active layer (even if the After Clicking OK setting is set to the Separate Layer option).

To use Viveza as a Smart Filter:

1. Select the layer in the Layers Palette to apply Viveza to.
2. Click the ***Filter*** menu.
3. Select ***Convert for Smart Filters***.
4. Select the Filter menu again.
5. Roll over the ***Nik Software*** sub-menu. A popup menu appears.
6. Select ***Viveza***.

Note: Viveza can only work as a Smart Filter feature with Adobe Photoshop CS3 and CS4 as the host.

Note: Perform any rotations or transforms to the image prior to applying Viveza as a Smart Filter. Applying a rotation or transformation after applying Viveza as a Smart Filter can result in a different filter effect.

Viveza can be applied to multiple images when working in Lightroom or Aperture.

Multiple Image Controls (Lightroom)

To apply Viveza to multiple images when working in Lightroom, follow the steps below:

1. Highlight the images you wish to enhance. Hold the Shift key to select a sequence of images or the Control/Command key to select individual images.
2. Click on the ***Photo*** menu.
3. Roll over the ***Edit In*** sub-menu option. A popup will appear.
4. Select ***Viveza*** from the popup.

When using Viveza with multiple images, three new controls are available. The new image controls available are Previous, Next, and Save All. For more information about the multiple image controls, *please see Filter controls in the Filter Interface chapter*.

Multiple Image Controls (Apple Aperture)

To apply Viveza to multiple images when working in Aperture, follow the steps below:

1. Highlight the images you wish to enhance. Hold the Shift key to select a sequence of images or the Command key to select individual images.
2. Click on the ***Images*** menu.
3. Roll over the ***Edit With*** sub-menu option. A popup will appear.
4. Select ***Viveza...*** from the popup.

When using Viveza with multiple images, three new image controls are available. The new image controls available are Previous, Next and Save All. For more information about the multiple image controls, *please see Filter controls in the Filter Interface chapter*.

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Chapter 4

U Point® Technology

The Power Behind Viveza™

U Point® Technology

Viveza is powered by U Point image editing technology. U Point technology enables you to modify sections of a photograph directly or control where an enhancement is being applied selectively all without having to go through the time-consuming process of making a mask normally required in other software applications.

U Point technology provides precise and direct control of light and color, providing powerful yet simple photographic manipulation.

The U Point-powered Control Points found within Viveza enable you to work with your images without the need to perform a complicated series of operations in a particular order.

Control Points work by identifying an object based on a number of criteria. When you place your first Control Point, U Point technology identifies the unique elements of the object on which you place a Control Point, including its position, color, saturation, and texture. By identifying these elements, and in conjunction with the Size slider, the Control Point can determine the boundaries of the object in order to affect only that object and objects with like elements. With every Control Point that you apply to the image comes greater control over specific objects in the image. The additional Control Points ensure that the adjustments you make are being applied to the current object only, and placing a Control Point on an object with default settings prevents other Control Points from affecting that object.

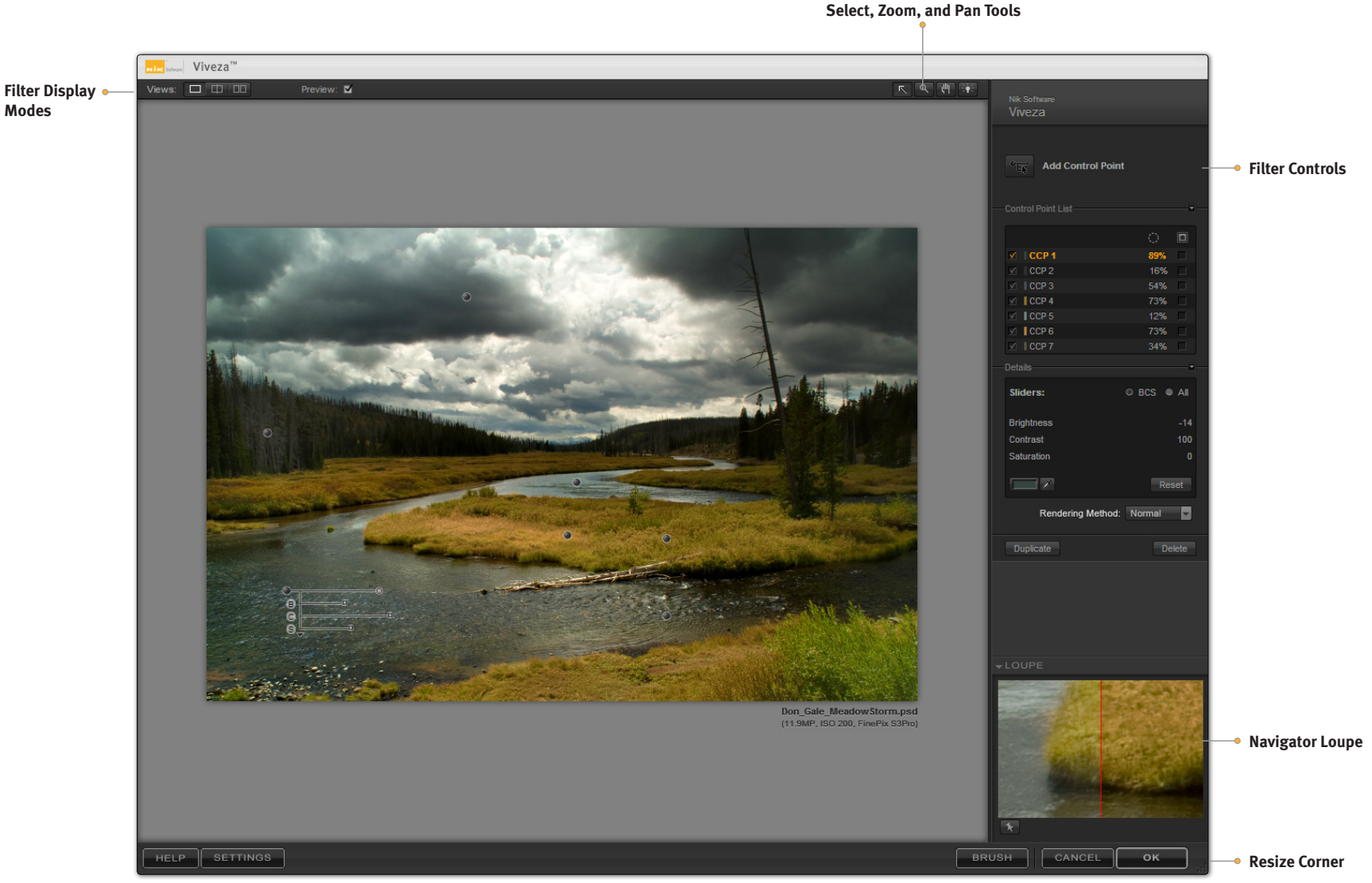
Through a unique mixing function, the effects of the Control Points are applied throughout the image so as to create a natural-looking, seamless result.

For more information on U Point technology and how it works, please go to *www.upoint.com*.

Chapter 5

Viveza™ Interface

Overview of the New Viveza Interface



Adobe Photoshop Interface

Preview Modes

Viveza offers three modes for previewing filter effects on the active image:

Single Image Preview

The image is displayed with the filter's effect applied across the **Image Preview** area. To see the effect before and after, toggle Preview on and off with the **Preview checkbox**.

Split Preview

The image is displayed with a red line running either vertically or horizontally through it. The portion to the left or above the red line shows the image prior to applying the filter; the portion to the right or below the red line shows the image after the filter has been applied.

You can move the image with the **Pan Tool** or click and drag the red line to observe the effect on the image's detail, when zoomed to either 100% or 300%.

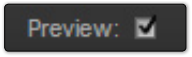
- Click the **Rotate Preview** button to alternate between vertical and horizontal split.

Side-by-side Preview

Two separate previews appear. The portion on the left or on top shows the image prior to applying the filter; the portion on the right or at bottom shows the image after the filter has been applied.

The previews are linked for zooming and panning. This lets you see the before- and after-images as a whole, or at the fine-detail level.

- Click the **Rotate Preview** button to alternate between vertical and horizontal layout.

Preview 

Preview lets you toggle on and off a preview of the filter effects applied to the active image.

- Click the **Preview** checkbox to alternate between displaying and hiding the effects.

Select Tool

The **Select Tool** lets you select and interact with **Color Control Points**.

SELECT SHORTCUTS

Press the **A** key to switch to this tool.

Ctrl (Windows) / Command (Macintosh) to temporarily switch to this tool.

Zoom Tool

The **Zoom Tool** lets you zoom in and out of the active image. Select this tool, and then click on the area of the image that you want to magnify. To zoom out, press and hold the Alt (Windows) or Option (Macintosh) key and click on the image.

Viveza offers three zoom states:

- Zoom to Fit to see the entire image within the **Image Preview** and automatically adjust the zoom factor as you change the size of the interface.
- **100%** to show the actual pixel details.
- **300%** to zoom even further into the image and view fine pixel detail.

ZOOM SHORTCUTS

Press the **Z** key to switch to this tool.

Ctrl (Windows) / Command (Macintosh) + Spacebar to temporarily switch to this tool

Ctrl (Windows) / Command (Macintosh) + '+' to zoom in one level

Ctrl (Windows) / Command (Macintosh) + '-' to zoom out one level

Ctrl (Windows) / Command (Macintosh) + 0 to Zoom to Fit

Ctrl (Windows) / Command (Macintosh) + Alt (Windows) / Option (Macintosh) + 0 to zoom to 100%

Pan Tool

The **Pan Tool** lets you reposition the image while zoomed into the 100% or 300% views. When the **Loupe** tool is enabled, the mouse pointer becomes a Pan Tool to let you reposition the content of the Loupe tool.

PAN SHORTCUTS

Press the **H** key to switch to this tool.

Hold **Spacebar** to temporarily switch to this tool.

Background Color Selector

The **Background Color Selector** tool lets you change the color of the background surrounding the image. The three choices are Light Gray, Medium Gray, and Dark Gray.

Image Preview

The **Image Preview** area displays the active image and related information beneath the image.

Image

The active image is displayed with the view, preview mode, background and zoom amount you have configured. This area has three zoom states: Zoom to Fit, 100%, and 300%, controlled with the **Zoom** Tool or with keyboard shortcuts. *(Please see Zoom Tool above.)*

Image Info

The filename appears below the image. This is visible in the Zoom to Fit state. If Exif data is available, additional image information will be displayed under the filename.

Add Color Control Point

Click this button to add a Color Control Point. The sliders and controls displayed based on the settings indicated within the Filter Interface Settings. The mouse pointer changes, indicating that you can place a Color Control Point on the image. After placing the Color

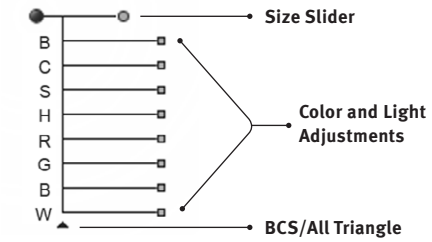
Control Point on the image, you may control the image's color and light using the controls provided.

ADD NEW CONTROL POINT SHORTCUT

Ctrl (Windows) / Command (Macintosh) + Shift + A

Color Control Point Controls

After adding a Color Control Point, you are provided with controls that can be used to affect the color and light of the image. Color Control Points can offer the following controls:



Size Slider

The Size slider affects the reach of the Color Control Point. By increasing this slider, you can affect objects similar to the object that the Color Control Point has been placed upon but that are further away from the Color Control Point. When set to 100%, the Color Control Point no longer bases its effect on the location of objects within the image, instead relying solely upon the color, tonality, and texture of the objects to determine whether or not to affect them. Decreasing this slider will make the Color Control Point affect only similar objects closer to the Color Control Point.

Brightness, Contrast, Saturation, Red, Green, Blue, Hue, and Warmth Sliders

Each Color Control Point displays a Size slider along with either the BCS or All slider groups.

The BCS slider group is the default slider provided for a Color Control Point and contains the Brightness, Contrast, and Saturation sliders. The All slider group contains the entire range of sliders provided within Viveza, including the Brightness, Contrast, Saturation, Red, Green, Blue, Hue, and Warmth sliders.

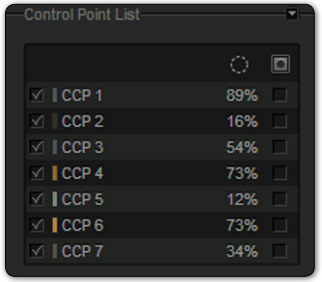
Tip: *When adjusting a Control Point's sliders, hold the Shift key to adjust the slider in preset increments.*

BCS/All Triangle

Each Color Control Point has a BCS/All triangle which when clicked will change the available sliders from BCS to All or All to BCS.

A Control Point's available sliders can also be changed from BCS to All (or All to BCS) by selecting the Control Point and selecting either the BCS or All radio buttons within the Details section. You can also set the default sliders to either BCS or All within the Filter Interface Settings.

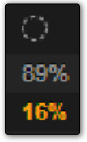
Control Point List



The Control Point List shows all of the Color Control Points applied to the image. The Control Point List section provides you with basic information about each Color Control Point, and options to show the selections and previews of the Color Control Points.

Show Effect Preview Column

After adding a Color Control Point to the image, the checkbox within the Show Effect Preview Column will be enabled. By un-checking this box, you can disable that Control Point's effect on the image.



Size Column

The Size column will display the value of each Control Point's Size slider.

Show Selection Column

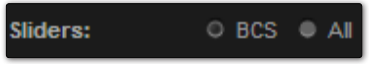
The Show Selection Column enables you to show the selection of a Control Point. Checking the box next to a Control Point in the Show Selection Column will show only selected Control Points' selections. Areas inked in white are being affected by the Color Control Point, while areas inked in black are not being affected, with grey areas being partially affected. Click on the Show Selection Column header to show or hide the selection for all of the Control Points.

Details

The Details section provides you with information about the Color Control Points added to your image. Within the Details section, you can review each slider value or click on the value and type in a new value directly.

If multiple Color Control Points are selected, you can adjust the controls of all the selected Control Points at once.

BCS / All Control



Use the BCS / All control to determine which sliders to display for a selected Color Control Point. By selecting BCS, only the Brightness, Contrast, and Saturation sliders will be displayed. By selecting All, the Brightness, Contrast, Saturation, Hue, Red, Green, Blue, and Warmth sliders will be displayed.

Tip: *You can also change the available sliders on a Control Point by using the BCS/All triangle at the bottom of each Control Point to toggle between the BCS slider set and the All slider set.*

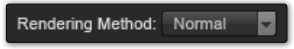
Color Picker Swatch and Eyedropper

Click on the Color Picker Swatch to call up your image editing application's color picker and select the color that you would like the selected object to become. After selecting the color, all of the sliders will be displayed and will be adjusted to make the selected object match the color selected within the Color Picker. Alternatively, click on the eyedropper to select a color from within the image.

Reset

To reset a Color Control Point, click the Select tool, then select the Color Control Point to be reset. Then click the Reset button. The Color Control Point will revert back to the settings indicated within the Color Control Point Defaults.

Rendering Method



The Rendering Method pull-down menu determines how all of the Color Control Points are applied to the image. Each method utilizes different algorithms optimized for different types of images. Viveza contains one Method pull-down menu where you can choose from one of the available methods. The different methods are:

Basic

The Basic method is the fastest and most direct method to apply the color control points from the current step to your image. This method is recommended for web graphics and illustrations.

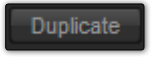
Normal

The Normal method provides the best balance of speed and detail protection. This method is recommended for the majority of images.

Advanced

The Advanced method provides superior results when lightening shadows or working with images with a high level of noise or grain.

Duplicate



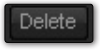
To create a duplicate copy of a Color Control Point, click the ***Select*** tool, and then click on the Color Control Point to be duplicated. Then click on the ***Duplicate*** button. An exact copy of the selected Color Control Point will be placed on the image and you can then reposition the new Color Control Point by clicking and dragging it to a new location.

DUPLICATE SHORTCUTS

Ctrl (Windows) / Command (Macintosh) + D to duplicate a Color Control Point in place

Alt (Windows) / Option (Macintosh) + Click and drag on a Control Point.

Delete



To remove a Color Control Point, click the ***Select*** tool, then click on the Color Control Point to be removed. Then either click the ***Delete*** button or press the ***Delete*** key on your keyboard

Navigator Loupe

The **Navigator Loupe** ensures that the appropriate information is displayed depending on the state of the Image Preview. In the Zoom to Fit view, the Loupe mode displays details under the mouse pointer at 100%, and image detail information before and after the filter is applied. When zoomed to 100% or 300%, the Navigator mode is displayed, giving you a bird's eye view of where you are currently in the image. The view switches automatically between Navigator and Loupe for efficient workflow.

Loupe Mode

With the Image Preview in the Zoom to Fit state, the **Navigator** switches to Loupe mode. A vertical red line bisects the image, the left-hand section displaying the image prior to applying the filter and the right-hand side, the image after filter application.

This ensures that you can always see the image detail at 100% while reviewing the filter's effect where you position your mouse in the Preview.

To lock in place the area displayed in the Loupe, click the ***pushpin*** icon in the lower-left corner of the Loupe, then click on the area of the image you want to keep inside the Loupe. To unlock the area, click the ***pushpin*** icon again. Alternately, right-click (Windows) or Control-click (Macintosh) to toggle the ***lock in place*** function.

To pan within the Loupe display, click and drag the image. You can also click and drag the red line to adjust the relative size of the before and after sections in the Loupe.

Navigator Mode

When you switch from the Zoom to Fit state to 100% or 300%, the Navigator Loupe switches to the Navigator mode and a red rectangle indicates the area of the image currently displayed in the Image Preview. Click on the area of the image in the Navigator that you would like to display in the Image Preview.

Filter controls

Use the filter controls to apply or discard filter effects.

The **Brush** and **OK** buttons process and apply the specified filter's effect to the active image. The **Cancel** button discards any settings specified in the current session, and closes Viveza without changing the image.

Brush (Adobe Photoshop Only)

Click ***Brush*** to apply the filter's effect to a separate layer and then selectively paint the effect in, using the Selective Tool to automatically create and modify a layer mask. *(Please see Selective Tool.)*

Cancel

Click ***Cancel*** to prevent any effect from being applied to the image, close the current Viveza session, and return to your image editing application.

CANCEL SHORTCUT

Press the ***Esc*** key to cancel.

OK (Adobe Photoshop) / Save (Lightroom and Apple Aperture)

Click ***OK/Save*** to apply the specified filter to the image, close the current Viveza session, and return to Adobe Photoshop, Photoshop Elements, Lightroom or Aperture. Viveza also gives you the option of applying the filter to a separate layer or to the current layer. *(Please see Filter Interface Settings - this is only available in Adobe Photoshop or Adobe Photoshop Elements.)*

OK/SAVE SHORTCUT:

Press ***Enter*** (Windows) / ***Return*** (Macintosh) key to apply the filter.

Multiple Image Controls (Lightroom & Aperturev)

When using Viveza with multiple images, three new image controls are available. The new image controls available are Previous, Next and Save All.

Previous

The Previous button will go to the image previously enhanced within the current Viveza session.

Next

The Next button will proceed to the next selected iamge in the current Viveza session.

Save All

Click Save All to apply Viveza to the open images and close the current Viveza session.

SAVE ALL SHORTCUT:

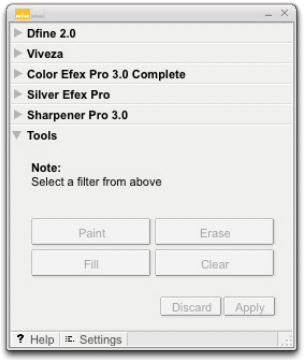
Press the ***Enter*** (Windows) / ***Return*** (Macintosh) key to apply Viveza to the selected images in the current Viveza session.

Chapter 6

Selective Tool

Applying the Filter's Effect Selectively

Selective Tool



The Selective Tool automates the creation of layers and layer masks within Adobe Photoshop and Adobe Photoshop Elements while applying Viveza. The Selective Tool can be used to selectively apply the filter's effect in conjunction with the selective nature of the Color Control Points. Use this tool to create a layer mask with which to selectively control where the Color Control Points' effects are applied using Photoshop's brush, lasso, marquee, and gradient tools.

If Dfine® 2.0, Color Efex Pro™ 3.0, Silver Efex Pro™, or Sharpener Pro™ 3.0 are already installed, the Viveza installer will update the existing Selective Tool, enabling you to access all of these plug-ins from the same Selective Tool.

The Selective Tool can be used with pressure-sensitive tablets such as the Wacom® Pen Tablet to apply the Viveza filter with pressure-sensitivity.

Note: *The Selective Tool is available only with Adobe Photoshop and Adobe Photoshop Elements serving as host for* Viveza.

Note: *The Selective Tool cannot be used when creating a Photoshop Action. In order to create a Photoshop Action, please select* Viveza *from the Filters menu.*

Interaction with Viveza

Click on the Viveza button within the Viveza section of the Selective Tool window to launch the filter.

If you click the **Brush** button in the Viveza filter interface, whether you launched that filter from the Selective Tool or from Photoshop or Photoshop Elements' Filters menu, the Selective Tool appears. The filter will be applied to a copy of the image on a separate layer, the new layer will be named after the filter you are using, and you can selectively apply the filter's effect using the **Paint, Erase, Fill**, and **Clear** buttons described later in this chapter.

Selection Tools

The **Selective Tool** contains four tools for applying the selected Viveza filter.

Paint

Click the ***Paint*** button to selectively paint the current filter's effect into the active image. Ensure that your Paint Brush mode is set to Normal and that Opacity is set to 100%. You can control the degree to which the effect is added to the image by varying the opacity of the brush.

Erase

Click the ***Erase*** button to selectively remove the current filter's effect from the active image. Ensure that your Paint Brush mode is set to Normal and that Opacity is set to 100%. You can control the degree

to which the effect is removed from the image by varying the opacity of the brush.

Fill

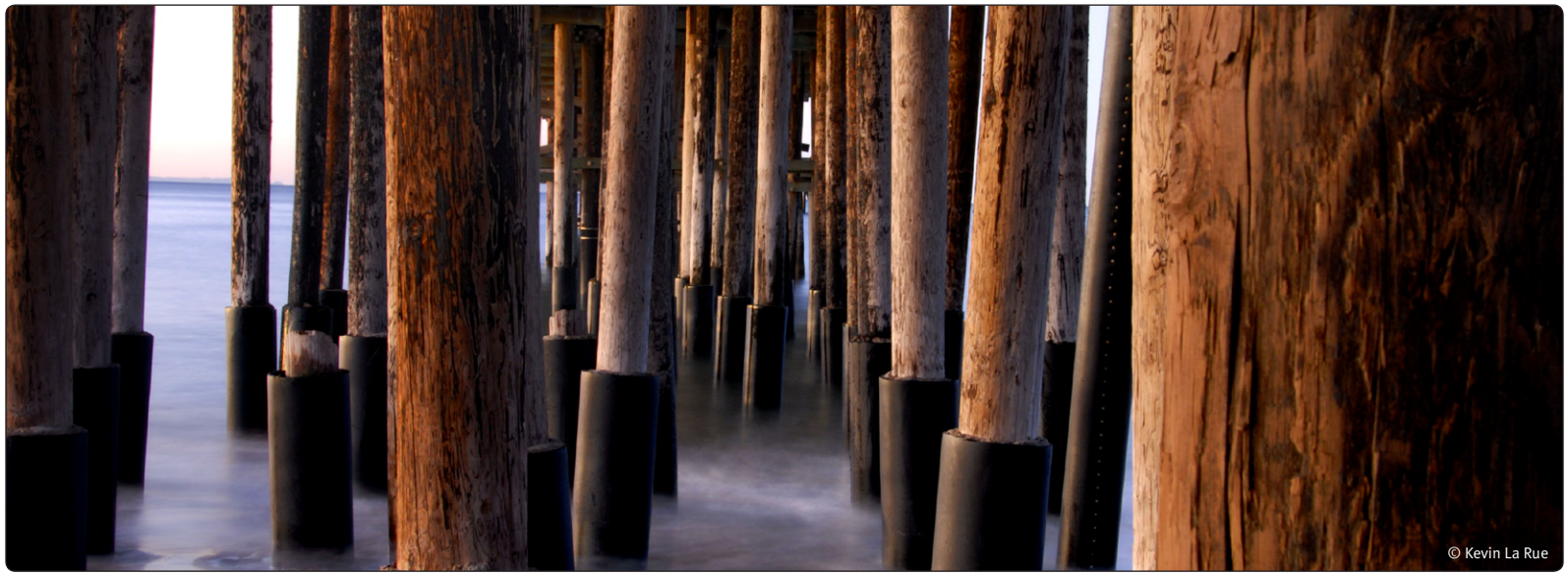
Click the ***Fill*** button to apply the filter's effect to the entire image. This tool is especially useful if you want to apply the filter's effect to all but a small area. Click ***Fill***, then click ***Erase*** to remove the effect from the area to remain unaffected.

Clear

Click the ***Clear*** button to remove the filter's effect from the entire image. This is helpful if you made a mistake with the Paint tool and want to start over.

Apply / Discard

Click ***Apply*** to apply the current filter's effect to the image. Click ***Discard*** to prevent the effect from being applied.



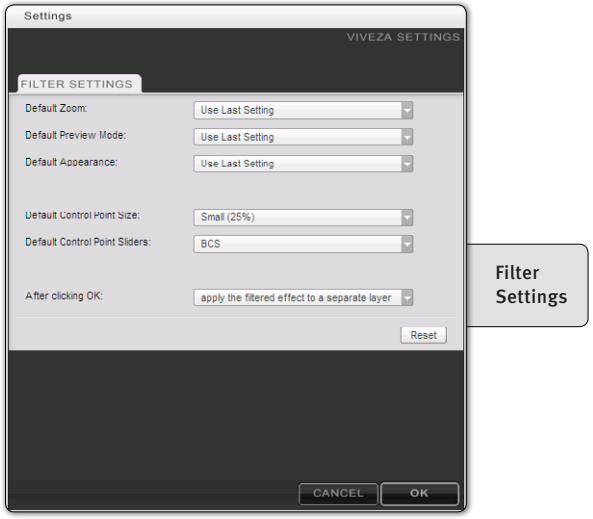
Chapter 7

Filter Interface Settings

Controlling the Default Behavior of the Filter Interface

Filter Interface Settings

Click on ***Settings*** in the Viveza Filter Interface to configure the default look and functionality, and to specify how Viveza affects images.



Adobe Photoshop Dialog Settings

Default Zoom

Default Zoom lets you specify the zoom state to be applied when the interface is launched. *(Please see Zoom Tool.)*

100%

Opens images at 100% zoom.

Zoom to Fit

Ensures that the entire image is visible within the filter interface.

Use Last Setting

Opens images in the last zoom state used in the previous Viveza session.

Default Preview

Default Preview lets you specify how images are displayed upon opening Viveza. *(Please see Preview Modes in Chapter 5.)*

Single Image Preview

Sets Single Image View as default.

Split Preview

Sets Split preview as default.

Side-by-side Preview

Sets Side-by-side preview as default.

Use Last Setting

Opens images in the last preview state used in the previous Viveza session.

Default Appearance

Default Appearance sets the brightness of the area surrounding the image in the Preview.

- Light Gray
- Medium Gray
- Dark Gray

Default Size

This option lets you specify the default value for the Size slider for new Color Control Points. A small size is beneficial for doing lots of fine selection work, a large size is beneficial for doing primarily global changes to an image, and a medium size is beneficial for work in between.

Small (25%)

This option will set the default of the Size slider to 25% when a Color Control Point is placed on an image.

Medium (50%)

This option will set the default of the Size slider to 50% when a Color Control Point is placed on an image.

Large (75%)

This option will set the default of the Size slider to 75% when a Color Control Point is placed on an image.

Sliders

The Sliders option allows you to choose select whether the BCS or All sliders appear on a new Color Control Point.

BCS

The BCS option will display the Brightness, Contrast, and Saturation sliders when a Color Control Point is placed on an image.

All

The All option will display All sliders, Brightness, Contrast, Saturation, Hue, Red, Green, Blue, and Warmth, when a Color Control Point is placed on an image.

Last Control Point

The Last Control Point option will display the slider set used from the last Control Point placed on the image.

After Clicking OK (Adobe Photoshop Only)

This option lets you specify how Viveza filters are applied.

Note: *This option is valid only with Adobe Photoshop and Adobe Photoshop Elements serving as host for* Viveza.

Apply the Filtered Effect to the Current Layer

This option applies the effect to the layer that was active when Viveza was launched.

Apply the Filtered Effect to a Separate Layer

Choose this option to always apply the filter effects of Viveza to a separate layer. Use this option and save the final image in a layered format to ensure the preservation of original image details.

Note: *Enabling this option increases file size and may increase processing time.*

Note: *When batch processing with Viveza, the filter effect is not applied to a separate layer. To apply Viveza to a separate layer while recording the action, duplicate the layer prior to applying Viveza. This ensures that the batch process includes a new filtered layer for each image.*

Reset

Click ***Reset*** to restore Viveza filter settings to their default values.

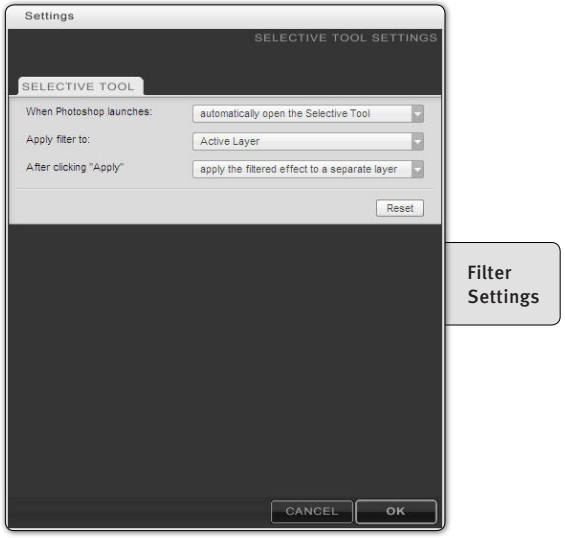
Chapter 8

Selective Tool Settings

Controlling the Default Behavior of the Selective Tool

Selective Tool Settings (Adobe Photoshop Only)

Click the **Settings** button at the bottom of the Selective Tool interface to specify how the Selective Tool interacts with Adobe Photoshop or Adobe Photoshop Elements and active images.



Adobe Photoshop Dialog Settings

When Photoshop Launches

This option lets you specify whether the Selective Tool opens when Adobe Photoshop or Adobe Photoshop elements is launched. Choose between:

- Automatically Open the Selective Tool
- Do Not Open the Selective Tool

Apply filter to:

Advanced users can specify how the Selective Tool applies filters in Viveza.

Image Composite

Select this option to create a new layer and perform a stamp-visible command into the new layer to ensure that the filter is applied to the entire image and not only to the active layer. (This is the default behavior in Viveza. This is also how the Selective Tool operates in all other Nik Software products.)

Active Layer

Select this option to duplicate the layer active when you selected the Viveza filter, and apply the filter to that layer only.

After clicking Apply

This option lets you specify whether the Selective Tool maintains Viveza filter effects as a separate layer or merges layers when you click **Apply**.

Merge the Filtered Effect to the Current Layer

This option merges the filtered image with your original image into one layer. Enabling this option helps keep file sizes to a minimum.

Apply the Filtered Effect to a Separate Layer

The **Keep as Layer** option ensures that the filtered effect is limited to a separate layer. By enabling this setting and saving the active image in a layered file, you preserve original image information and can remove the filter's effect at any time. Please keep in mind, however, that enabling this option may increase file sizes.

Chapter 9

Contact and Support

Getting Additional Support

United States

Contact Nik Software, Inc. by phone at **(619) 725-3150**

Monday - Friday from 8:30 AM - 5:00 PM (PST) or via email at service@niksoftware.com

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